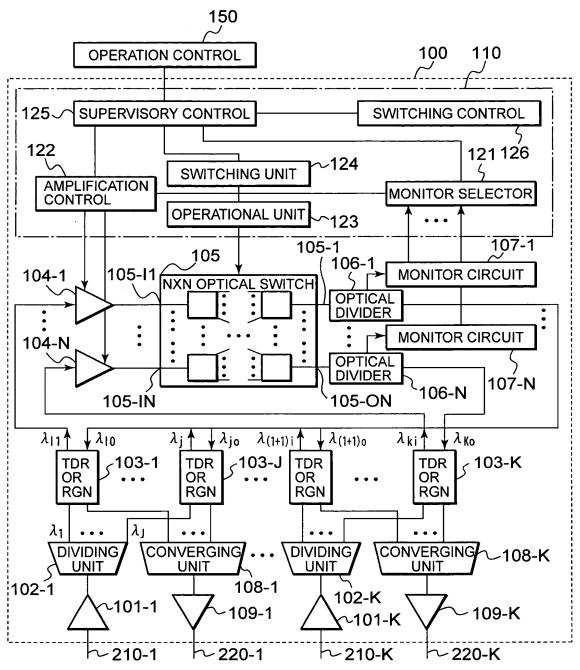


FIG. 1



OPTICAL TRANSMISSION PATH 1 ... OPTICAL TRANSMISSION PATH K

FIG. 2

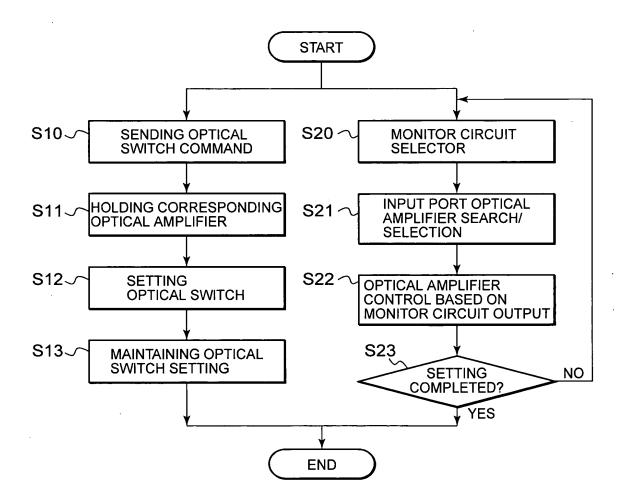


FIG. 3

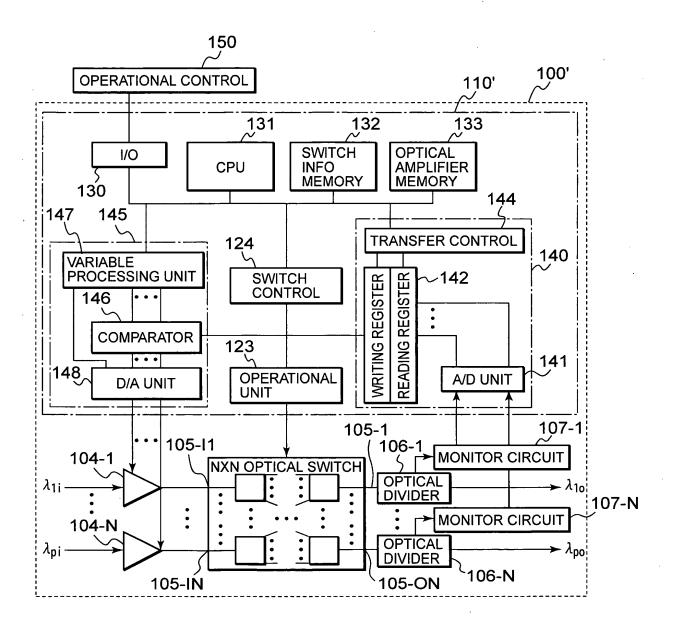


FIG. 4

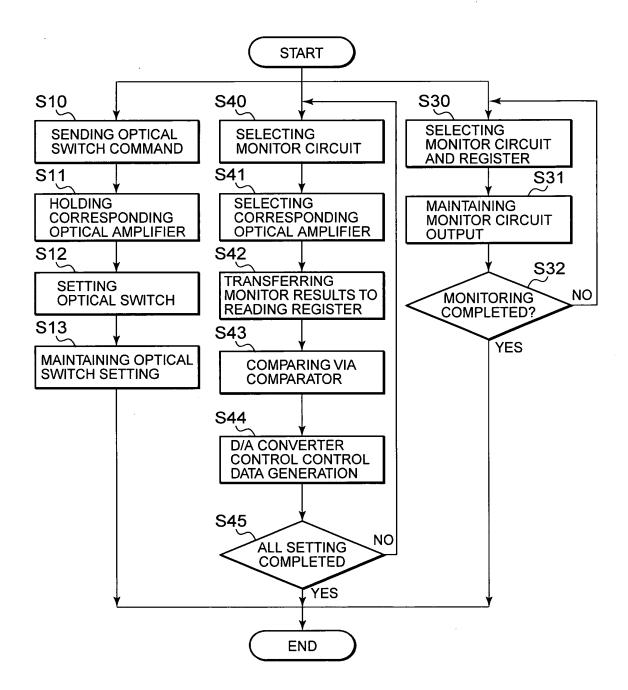


FIG. 5

OPTICAL SWITCH LOSS AND OPTICAL SIGNAL NOISE RATIO (INPUT POWER-5dBm, NOISE INDEX: 7dB)

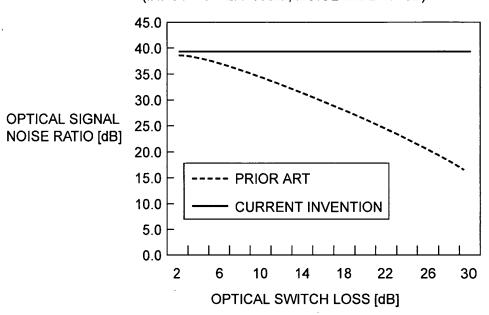


FIG. 6